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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/430,814	10/29/1999	PETER C BAHR	AUS990339US5	7769

7590 10/14/2003
DUKE W YEE
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POST OFFICE BOX 802334
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EXAMINER

NGUYEN, VAN H

ART UNIT	PAPER NUMBER
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2126

DATE MAILED: 10/14/2003 9

Please find below and/or attached an Office communication concerning this application or proceeding.

PL

Office Action Summary	Application No. 09/430,814	Applicant(s) BAHRS ET AL.	
	Examiner VAN H NGUYEN	Art Unit 2126	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 14 February 2000.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 124-144 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 124-144 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
* See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892) ✓
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948) ✓
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 5.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. This Office Action is in response to preliminary amendment B filed February 14, 2000.

Claims 124-144 are presented for examination.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

Claims 124-144 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

- In claim 124, the limitations "*the plurality of destination objects*" (lines 7-8), "*the indication*," (line 12) and "*the target*" (line 13) lack antecedent basis.
- In claim 132, the limitations "*request even*," (line 6) "*a second indication*" (line 7) are vague and indefinite.
- In claim 132, the limitations "*the destination*" (line 11) and "*the plurality of destinations*," (lines 11-12) lack antecedent basis.
- In claim 136, the limitations "*the plurality of destination objects*" (line 8), "*the request*" (line 13) "*the indication*" (line 13-14) and "*the target*" (line 14) lack antecedent basis.

- In claim 144, the limitations "*the plurality of destination objects*" (line 9), "*the request*" (line 14) "*the indication*" (line 14-15) and "*the target*" (line 15) lack antecedent basis.

Dependent claims 125-131, 133-135, and 137-143 are rejected for fully incorporating the deficiencies of their base claims.

Claim Rejections - 35 USC § 102

3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 124-144 are rejected under 35 U.S.C. 102(b) as being anticipated by **Watanabe** (U.S. 5,317,746).

As to claim 1, Watanabe teaches (col.3, lines 34-64) a method in a data processing system (*a data processing system*) for managing requests (*issue a processing request... receiving the processing request... the request message to be executed*), the method comprising the data processing system implemented steps of:

- receiving a request event at a transporter object (*one server space for receiving the processing request*; col.3, lines 34-64), wherein the request event is self identifying through its type, a major code, a minor code, and object data (*identifying the type of a request code placed in the message*; col.3, lines 34-64/ *a request code (OOC) placed in the processing request*

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message; col.4, lines 31-53/ placing the client-space dedicated request code... in a request message 13a; col.5, lines 51-55/ the message includes a process sender identifier (process ID) identifying the message sender space, capability information indicating the sink or destination of the message, the request code indicating the type of the request, and the detailed information of the request; col.7, lines 57-63 & fig.4);

- identifying a destination object within a plurality of destination objects using the request event to form an identified destination object; and sending the request event to the identified destination object, wherein the identified destination object handles the request using the indication and accesses the target (*if the destination or sink server spaces of the messages which differ from one to another function requests are to be managed... each message is affixed with the request code for thereby allowing the request represented by the message to be allocated to the server which can provide the service as requested by the message; col. 7, lines 33-63).*

As to claim 125, Watanabe teaches the target is a service (*the server which can provide the service; col.7, lines 33-56).*

As to claim 126, Watanabe teaches the service is located on a remote data processing system (*the destination or sink server spaces; col.7, lines 33-56).*

As to claim 127, Watanabe teaches the transporter receives the request event from an application mediator (*a public client space 11 which accommodate application programs and can issue variety of requests; col.4, lines 31-54).*

As to claim 128, Watanabe teaches the indication is to access a service at a remote location and further comprising: responsive to receiving the request at the destination object, accessing the service at the remote location using the destination object, wherein the destination

object formats the request into one recognizable by the remote server to access the service (col.3, lines 43-64 and col.7, lines 33-56).

As to claim 129, Watanabe teaches receiving a response from the remote service; formatting the response into a request event; and returning the request event to the transporter service (col.3, lines 43-64 and col.7, lines 33-56).

As to claim 130, Watanabe teaches the request event includes the data (col.7, lines 57-63 & fig.4).

As to claim 131, Watanabe teaches the remote service is a database (col.4, lines 31-63).

Claim 132 includes the same subject matter as in claim 124, and is similarly rejected under the same rationale.

As to claim 133, Watanabe teaches the first indication is a major code and the second indication is a minor code (col.3, lines 43-64; col.5, lines 51-56; and col. 7, lines 33-63).

As to claim 134, Watanabe teaches the major code is a class name of the destination object and the minor code is a method name that is to be invoked (col.3, lines 43-64; col.5, lines 51-56; and col. 7, lines 33-63).

As to claim 135, note the rejection of claim 130 supra.

Claims 136-143 are directed to a system for performing the method of claims 124-131, and are similarly rejected under the same rationale.

Claim 144 is directed to a computer program product for implementing the method of claims 124, and is similarly rejected under the same rationale.

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- Hammer et al.	US 4649473	issued date: 03/1987
- San Soucie et al.	US 5369778	issued date: 11/1994
- Banda et al.	US 5396630	issued date: 03/1995
- Khoyi et al.	US 5634124	issued date: 05/1997
- Campagnoni et al.	US 6182154	issued date: 01/2001
- Gilbertson et al.	US 6295553	issued date: 09/2001
- Barry et al.	US 6615258	issued date: 09/2003

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VAN H NGUYEN whose telephone number is (703) 306-5971. The examiner can normally be reached on Monday-Thursday from 8:30AM - 6:00PM. The examiner can also be reached on alternative Friday.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 305-9000.

**Any response to this action should be mailed to:
Commissioner for Patents
PO Box 1450
Alexandria, VA 22313-1450**

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or fax to:

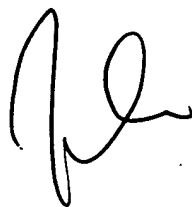
(703) 746-7239 (for formal communications intended for entry)

(703) 746-7238 (for After Final communications)

(703) 746-7240 (for informal or draft communications)

VHN

September 29, 2003



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